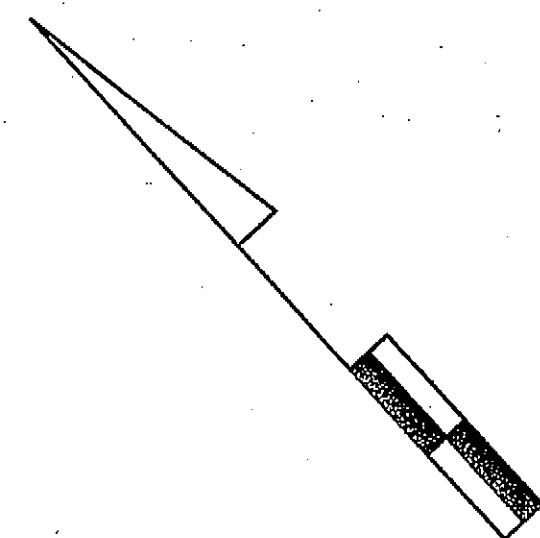


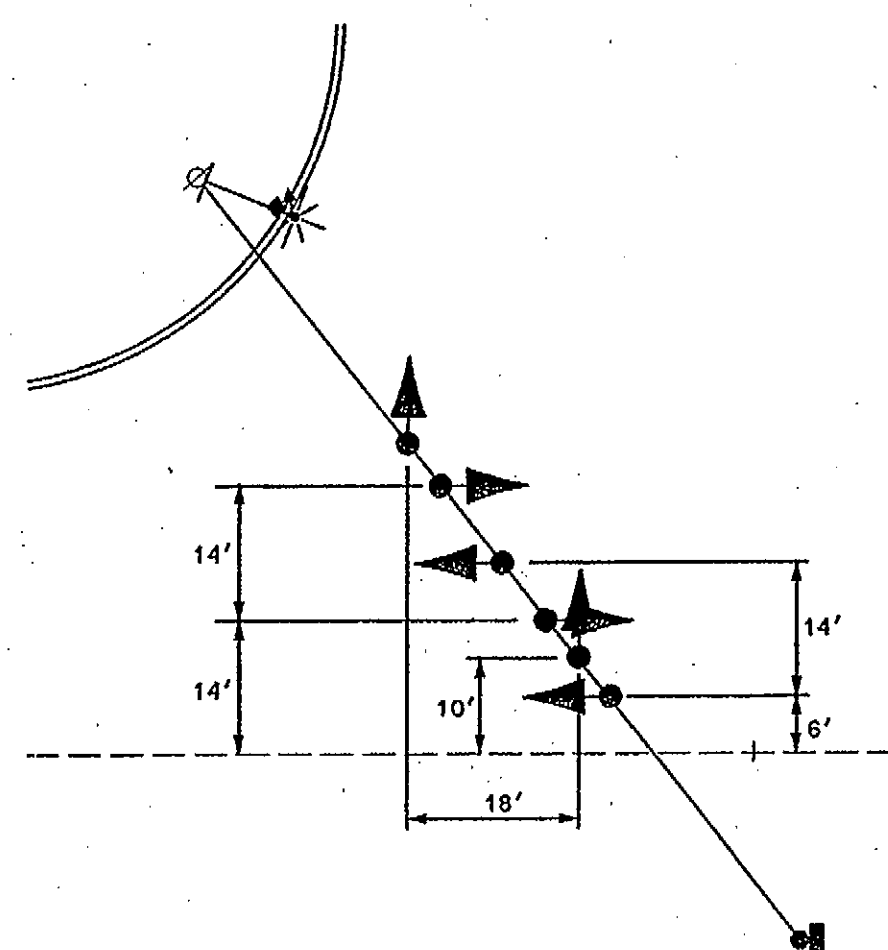
DRILL HOLES

BORDER REV: DATE: June 1, 2004.

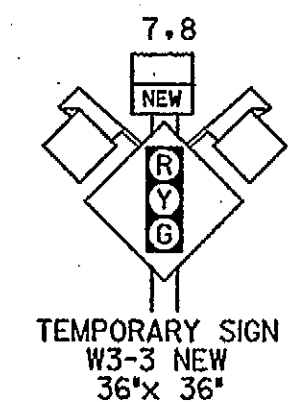


MD 355 IS CONSIDERED TO RUN
IN A NORTH-SOUTH DIRECTION

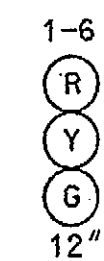
SIGNALS HEAD DIMENSIONS



PROPOSED SIGNS

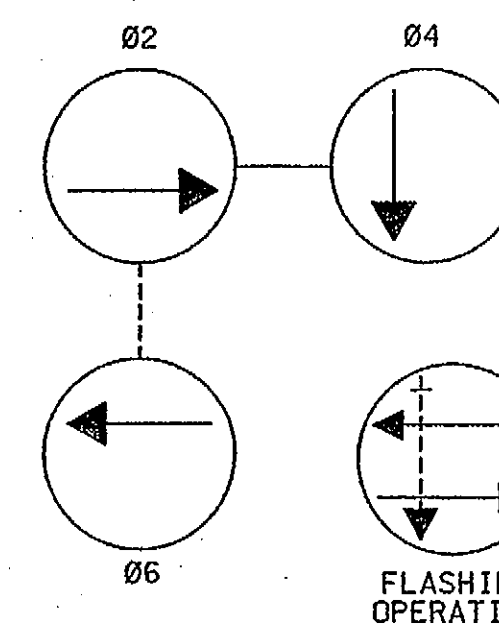


PROPOSED
LED SIGNALS



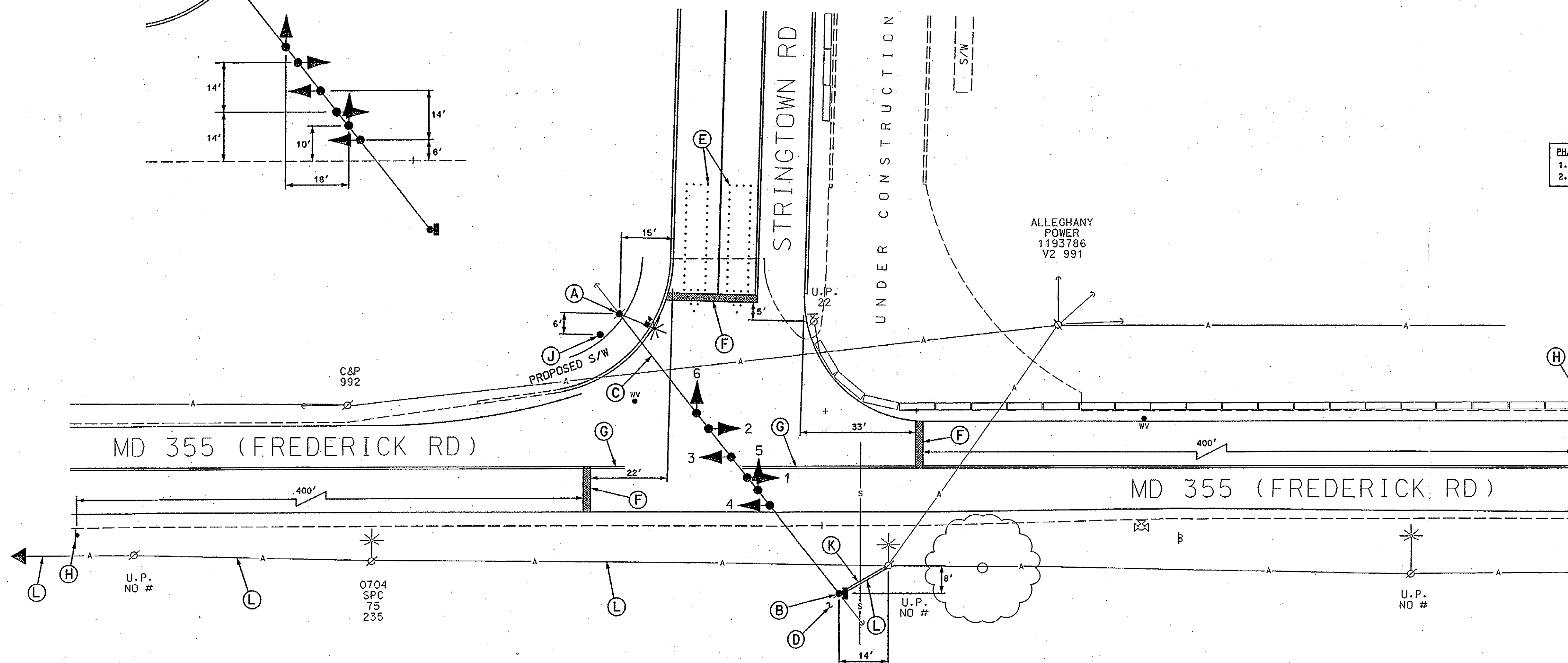
■ - VIDEO DETECTION CAMERA

NEMA PHASING



PHASING NOTES:

- 1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

- A. Install 40' wood pole, down guy, 10' lighting arm with 250 W HPSV luminaire and video detection camera.
- B. Install 40' wood pole, down guy, 3" PVC riser, 3" weatherhead NEMA size "5" pole mounted cabinet and controller and electrical utility service equipment. (NOTE: Install ground rod at pole base and bond to cabinet.)
- C. Install 3/4" steel span wire with traffic signal heads as shown. (NOTE: Attach all signals to 1/4th tether cable.)
- D. Clear brush as necessary.
- E. Proposed video detection area.
- F. Install 24" white heat applied, permanent preformed thermoplastic pavement marking for stopline.
- G. Remove existing portion of centerline that extends past the proposed stopline.
- H. Install ground mounted W3-3 (NEW) sign 400' prior to the stopline.
- J. Proposed ultimate signal pole location to be staked out be Montgomery County forces.
- K. Overhead electrical service to be installed by Alleghany Power Company.
- L. Install overhead 12-pair telemetry cable (lash to existing county fiber optic cable.)

GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying MISS utility prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. The Signal Contractor must call the Montgomery County TMC at 240-777-2100 in advance of performing any work. The County will arrange to have the proposed signal pole on the northeast quadrant staked out for the purpose of using it as a dimensioning point for the proposed wood pole.

APPROVALS

Michael Rubin 10-50
TEAM LEADER

Michael Rubin 10-50
ASST. DIV. CHIEF

Wendy O'Rand 10/6/05
DIVISION CHIEF

OFFICE DIRECTOR

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SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD. 355 (FREDERICK ROAD)
AND STRINGTOWN ROAD
TEMPORARY SIGNAL FOR M.O.T.

SCALE 1" = 20'		DATE 10-3-05		CONTRACT NO. _____	
DESIGNED BY R R ZACHERL		COUNTY MONTGOMERY			
DRAWN BY W J NIES		LOGMILE 15035522.64			
CHECKED BY _____		TIMS NO. _____			
F.A.P. NO. _____		TOD NO. _____			
TS NO. 4325TEMP		DRAWING NO.		OF	SHEET NO. 1

GEOMETRIC LEGEND

PROPOSED _____

EXISTING _____

**LEGEND OF UNDERGROUND
AND OVERHEAD UTILITIES**

AERIAL CABLE _____ A _____ A _____

ELECTRIC _____ E _____ E _____

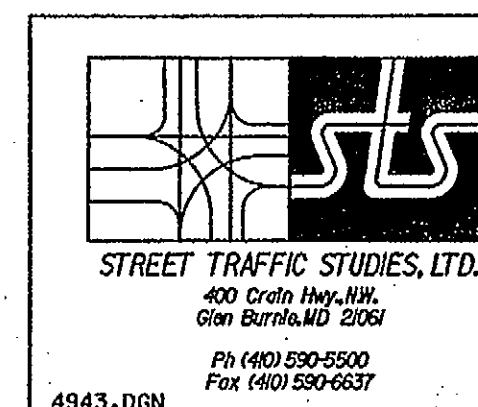
TELEPHONE _____ T _____ T _____

GAS _____ Q _____ Q _____

SEWER _____ S _____ S _____

WATER _____ W _____ W _____

CABLE TV _____ TV _____ TV _____



PLOTTED: \$DATETIME\$
FILE: \$FILE\$

2005 10 03 2005 13:03:17